



WOVEN FABRIC

Technical Data Sheet

Hybrid Fabric

Product Code: GDC-210 GREEN T

CHARACTERISTICS	Nominal	UM	Tolerance	Normative
Mass per unit area	206	g/m ²	± 5%	ISO 4605
Weave	2X2 Twill			ISO 2113
Width	1000/1200	mm	± 2,5%	ISO 22198
Thickness	0,2	mm	± 2,5%	ISO 5084(**)
Other informations	<i>Loomstate</i>			

Nominal Construction	WARP		WEFT	
Fiber Description	HS Carbon Fiber TR30S TJA - 3K		Polyester Fiber Green-154 - 1100dtex	
Fiber Producer	MITSUBISHI GRAFIL		PHP DIOLEN	
Thread Count	4,8 ends/cm	ISO 4602	10,0 ends/cm	ISO 4602
Weight Distribution	96 g/m2	47%	110 g/m2	53%
Selvages	Weaving style	LENO	Type of Fiber	HM polyester 22 tex

Mechanical Properties of Fiber	Strength (Nominal)	Modulus (Nominal)
TR30S TJA - 3K (MITSUBISHI GRAFIL)	3620 MPa	245 GPa
Green-154 - 1100dtex (PHP DIOLEN)	1160 MPa	14 GPa

(**) Theoretical thickness for an epoxy laminate with 40% of reinforcement in volume.

Note : Technical information furnished is based on laboratory findings and believed to be correct. No warranties of any kind are made except that the materials supplied are of standard quality. All risk and liabilities arising from handling, storage and use of products, as well as compliance with applicable legal restrictions, rests with the user.

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